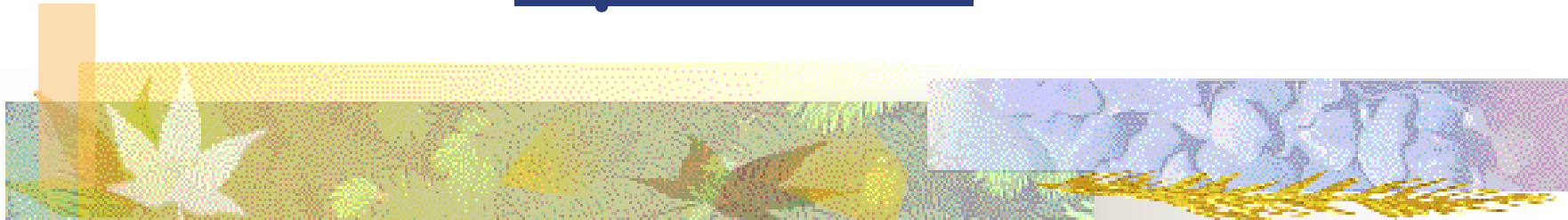


County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH

How to Become a Designated Operator:



Hazardous Materials Division
Underground Storage Tank Group
April 27, 2010
Richard Hansen, Inspector



Designated UST Operator Definition:

- An individual designated by the owner to have responsibility for:
 - Training facility employees, and
 - Conducting monthly visual inspections
- The Designated Operator is **not** considered the UST "operator" as defined in HSC Chapter 6.7, although the same person may hold both positions.



Steps to take in order to become a UST Operator:

- Pass the "California UST System Operator Exam" administered by International Code Council (ICC). This is a state-specific certification. (iccsafe.org)
- Once you have passed the exam, you will be issued a "CA UST System Operator Certification" issued by the International Code Council (ICC).
- Renew the certification by passing the exam again in 24 months.



Steps to take in order to become a UST Operator:

Who can serve as a Designated UST Operator? Any of the following individuals may serve as the Designated UST Operator:

- Facility Owner
- Operator
- Employee
- Service Technician, or
- a Third Party



Designated UST Operator ICC UST System Operator Exam Topics

- 20%: (UST Systems) Tanks, piping containment, monitoring systems and operation authority
- 30%: Operating Requirements
- 25%: Release detection
- 17%: Recordkeeping
- 8%: Release Reporting and Confirmation

The exam is 60 multiple-choice questions -**OPEN BOOK** (\$75.00)



Designated UST Operator Facility Employee Training

Definition of Facility Employee:

- an individual who is employed onsite, *and*
- may be called upon to respond to spills, overfills and other UST system problems

The "**Facility Employee**" is not considered the "UST Designated Operator" as defined in HSC Chapter 6.7, although the same person may hold both positions.



Definition of Best Management Practice

"...any underground storage tank system management and operation practice which is the most effective and practicable method of preventing or reducing the probability of a release."



Designated UST Operator

- **How many UST facilities can an individual be the Designated UST Operator for?**
- The number of facilities an individual can be the Designated UST Operator for is limited by the individual's ability to conduct monthly on-site inspections and to provide employee training at least within 30 days of a new employee starting work at the facility. The Designated UST Operator may perform the monthly inspection and training for new employees on the same day.



Test Reference Material:

Go to: www.swrcb.ca.gov/ust/training/exams.shtml

- CA Code of Regulations, Title 23, Div 3, Ch 16, (CA UST Regulations)
- CA Health and Safety Code, Ch 6.7, Underground Storage of Haz Substances (State Statutes)
- Operating and Maintaining Underground Storage Tank Systems, Aug. 2000 (EPA 510-B-00-008)
- Straight Talk on Tanks, Sept 1997 (EPA 510-B97-007)
- Dollars and Sense, Financial Responsibility Reqts. for USTs (EPA 510-K-95-004)



Test categories:

- *1-1/2 Hours, Open Book, Approximate % of 60 Questions*
- **01 UST Systems 20%**
 - **0101 Tanks, Piping, Containment and Monitoring Systems (Task) 13%**
 - Identify type, size, material and contents of tank. Identify the type and placement of monitoring systems. Identify piping, type and material, pressure/suction piping. Determine if the UST system has secondary containment.
 - **0102 Operation Authority (Task) 7%**
 - Determine laws and regulations under which the facility is operated. Determine laws and regulations applicable to temporary closure. Verify Compliance with applicable local and state laws.



Test categories, con't.

■ 02 Operating Requirements 30%

■ **0201 Overfill and Spill Protection (Task) 7%**

- Verify that overfill protection and spill prevention devices present & operational.

■ **0202 Corrosion Protection (Task) 4%**

- Verify the cathodic protection system is operational and that cathodic protection testing is performed at required intervals.

■ **0203 Inspections and Emergency Equipment (Task) 12%**

- Verify that sumps and spill containment boxes are inspected for accumulation of liquid and debris. Inspect hardware such as nozzles, breakaway couplings, hoses and impact valves.
- Verify emergency equipment shut-off, fire extinguishers & fire suppression systems & alarm pull boxes in place & operational.
- **0204 Good Housekeeping and Employee Training (Task) 7%**
- Determine the proper action to take to clean up and handle product spills, overflow from a tank or customer.
- Remove water from tank systems. Provide annual training of facility employees.



Test categories, con't.

■ **03 Release Detection 25%**

■ **0301 Single Wall Release Detection (Task) 7%**

- For single wall tanks and piping, verify correct method of release detection is in place and that all required periodic testing & maintenance is performed at the required frequency.
- Verify that any leak detection devices and equipment are operational and have third party certification, if applicable.

■ **0302 Double Wall Release Detection (Task) 18%**

- For double wall tanks and piping, verify correct method of release detection is in place and that all required periodic testing & maintenance is performed at the required frequency.
- Verify that any leak detection devices and equipment are operational and have third party certification, if applicable.



Test categories, con't.

■ **04 Record Keeping 17%**

■ **0401 Release Detection Record Keeping (Task) 7%**

- Maintain written performance claims, results of sampling, testing, monitoring, written documentation of calibration, maintenance & repair.

■ **0402 Gen. Operating Recordkeeping and Reporting 4%**

- Maintain records of the operation and testing of the corrosion protection, and vapor recovery systems.

■ **0403 Installation, Upgrade, Repair and Closure Records 2%**

- Maintain records of all installation, upgrade, repairs and closures.

■ **0404 Financial Responsibility 4%**

- Maintain financial responsibility records.

END



Schedule your Test:

- **San Diego 0543- San Diego Pearson Professional Centers**

9619 Chesapeake Drive Suite 208 Suite
208 San Diego CA 92123

- 1-800-275-8301 **Ask for Exam Code: UC**



Any Questions?



THANK YOU

